

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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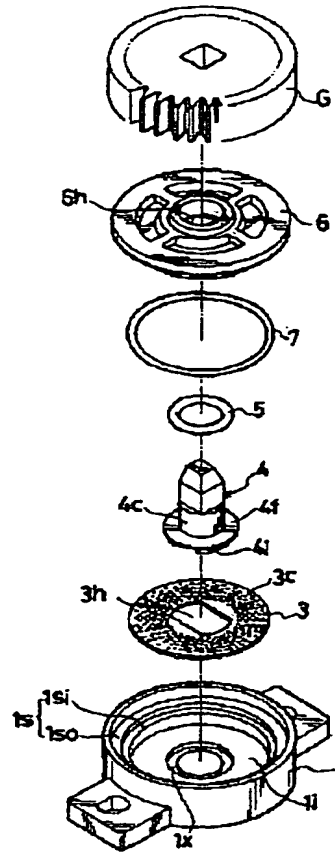
APPLICATION DATE : 24-05-94  
APPLICATION NUMBER : 06132492

APPLICANT : NIFCO INC;

INVENTOR : SHIBATA YUJI;

INT.CL. : F16F 9/12

TITLE : ROTARY DAMPER



**ABSTRACT :** PURPOSE: To construct thin a rotary damper, generate a large load stably, and eliminate risk of leakage of a viscous fluid even though a rotor rotates at a high speed.

**CONSTITUTION:** A rotary damper is so structured that a rotor 3 rotating in a single piece with a shaft 4 is given a viscosity resistance using a silicone oil, wherein the rotor 3 is formed circularly from a metal plate and provided with a plurality of round holes 3c. Thereby the air included in a viscous fluid is captured by the holes and the whole oversurface and undersurface are in contact with the viscous fluid.

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